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(54) Title: DOUBLE-STRANDED RIBONUCLEIC ACID WITH INCREASED EFFECTIVENESS IN AN ORGANISM

(57) Abstract: The present invention relates to a method for the targeted selection of a double-stranded ribonucleic acid (dsRNA) consisting of two single strands that exhibits increased effectiveness in inhibiting the expression of a target gene by means of RNA interference, wherein at least end of the dsRNA comprises a nucleotide overhang of 1 to 4 unpaired nucleotides in length; wherein the unpaired nucleotide adjacent to the terminal nucleotide pair comprises a purine base; and wherein the terminal nucleotide pair on both ends of the dsRNA is a G-C pair, or at least two of the last four consecutive terminal nucleotide pairs are G-C pairs.

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